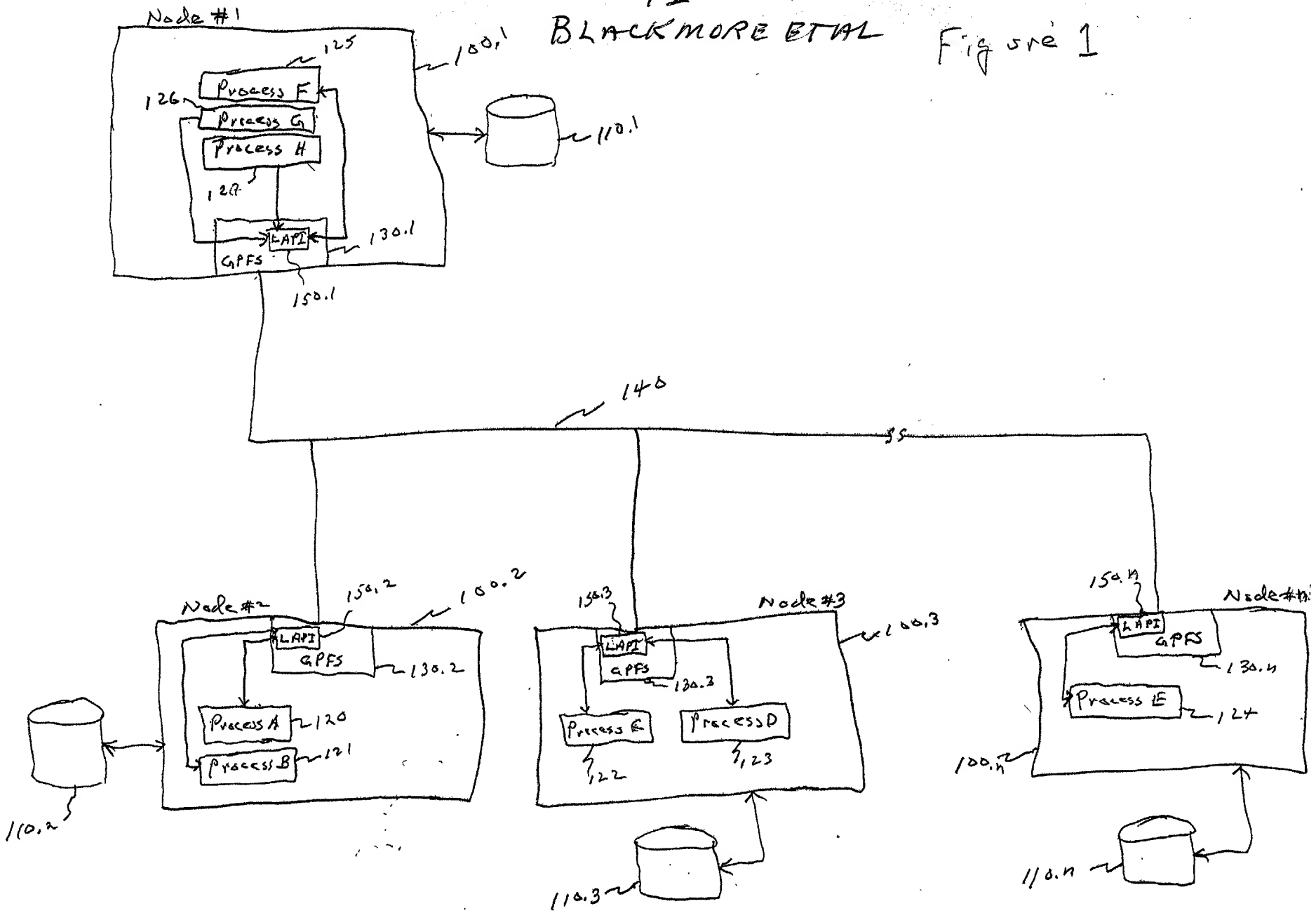
DOU920000147451

1/2

BLACKMORE ET AL

Figure 1



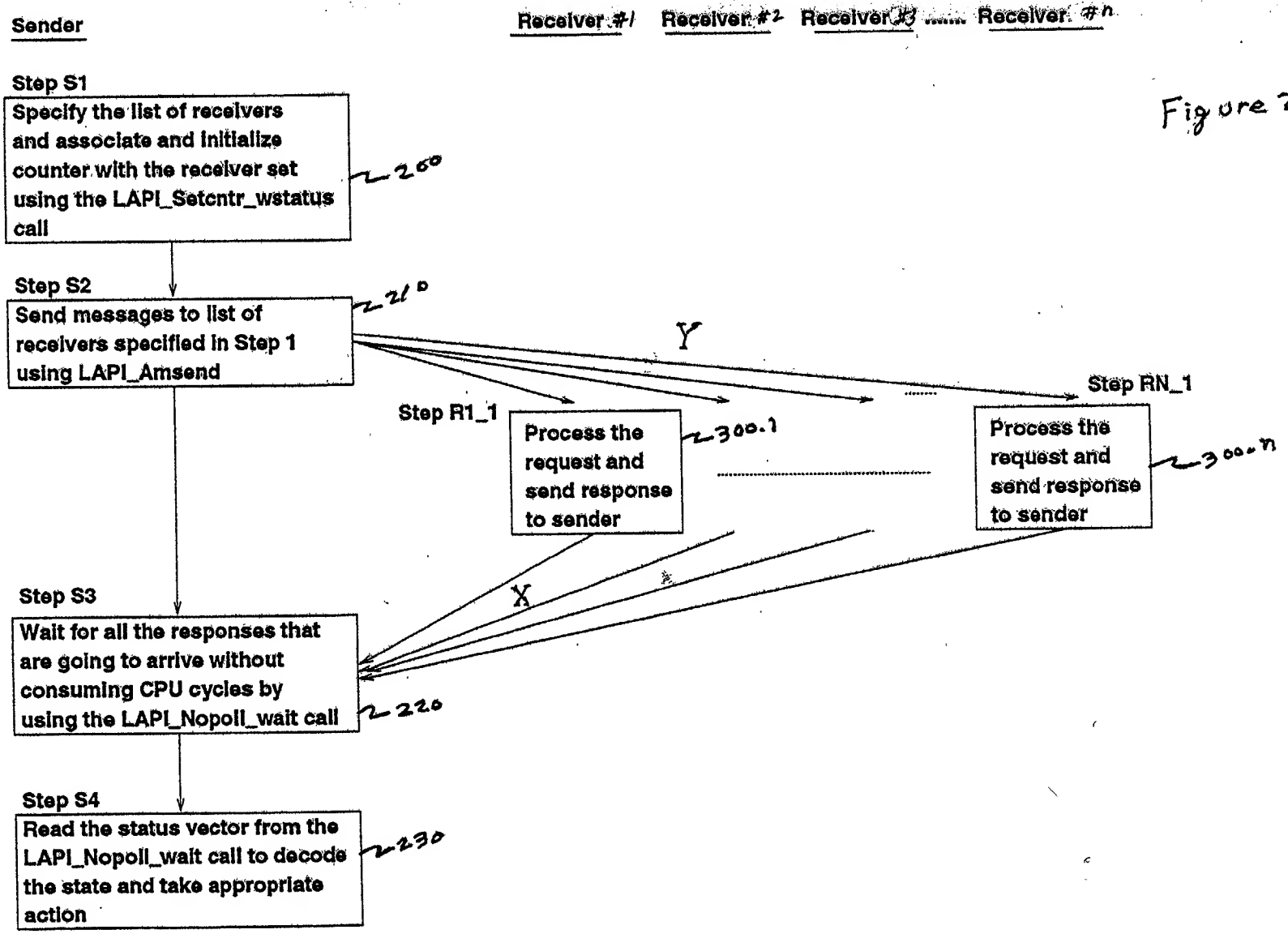

Sender
Receiver #1
Receiver #2
Receiver #3
Receiver #n
Step S1
Specify the list of receivers and associate and initialize counter with the receiver set using the LAPI_Setcntr_wstatus call
200
Step S2
Send messages to list of receivers specified in Step 1 using LAPI_Amsend
210
Y
Step R1_1
Process the request and send response to sender
300.1
Step RN_1
Process the request and send response to sender
300.n
X
Step S3
Wait for all the responses that are going to arrive without consuming CPU cycles by using the LAPI_Nopoll_wait call
220
Step S4
Read the status vector from the LAPI_Nopoll_wait call to decode the state and take appropriate action
230

Figure 2